

# **COVID-19 Cases Among Children and Youth in Washington**

**Washington State Department of Health**

**June 14, 2023**

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# COVID-19 Cases Among Children and Youth in Washington

June 14, 2023

NOTE: DOH updated the population estimates used in rate calculations for COVID-19 cases, hospitalizations, and deaths. We are now using more recent estimates for 2022-2023. This resulted in a slight decrease in case, hospitalization, and death rates in this report. Please be cautious when comparing this report to versions released prior to June 14, 2023.

The purpose of this report is to provide information on COVID-19 in all children and youth, ages 0 to 19 years, in Washington state. Children and youth across Washington continue to be affected by the COVID-19 pandemic. While schools are taking precautions to prevent the spread of the virus, understanding the burden of the disease among all children and youth can help communities, educational service districts (ESD), school districts, and schools better prepare and respond to shifting needs. This report describes cases among all children and youth in Washington and are broken down by ESD regions, and age. An ESD is a regional education unit that is made up of multiple school districts. State level hospitalization and death data are also provided.

**Cases are assigned to an ESD region based on the individual's home address. Children and youth with COVID-19 include all individuals living within an ESD's jurisdiction who are 0-19 years old, regardless of where they actually learn.**

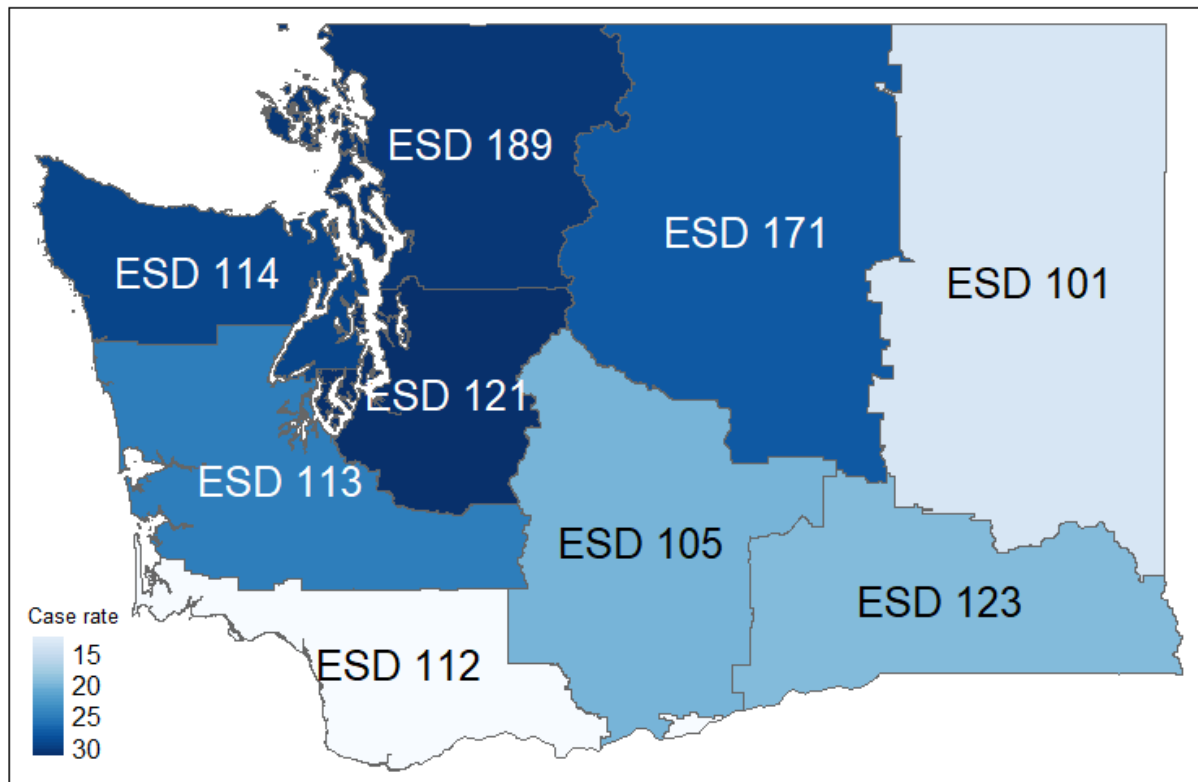
## Key findings

- Among children and youth in Washington state from May 8 to June 4, 2023:
  - there were 488 cases (25.8 cases per 100,000 population)
  - case rates are continuing to decrease
  - the highest case rates were in ESD 121 Washington
  - 0-3 year-olds had the highest case rates (64.8 cases per 100,000 population)
  - there were 17 hospitalizations (0.9 hospitalizations per 100,000 population)
  - hospitalization rates are decreasing
- There have been a total of 12 deaths in all children and youth in Washington state reported January 1, 2022 to June 4, 2023

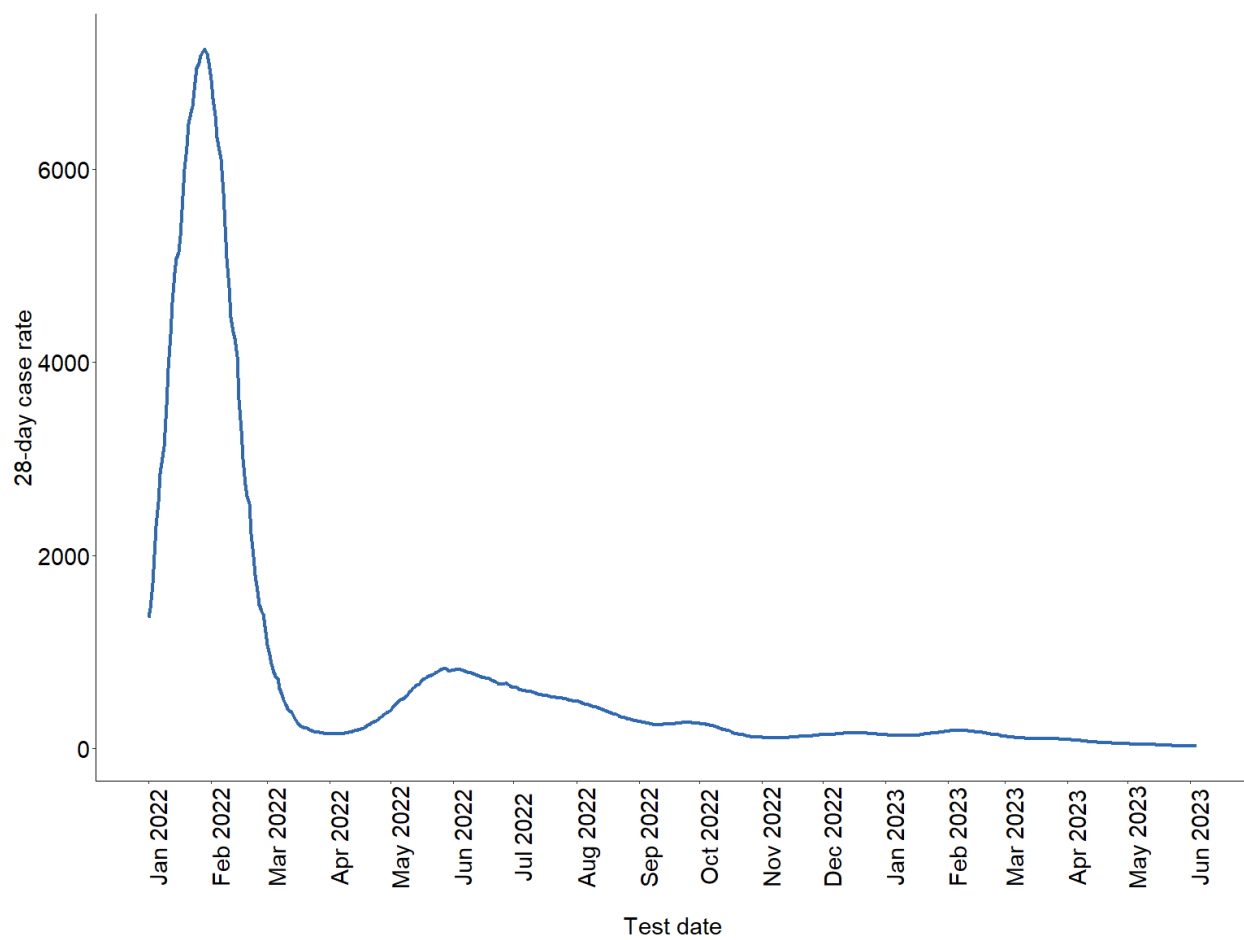
**Number of COVID-19 cases and case rate per 100,000 population in all children and youth by ESD region, May 8 to June 4, 2023**

ESD	Population	Case count	Case rate
ESD 101	167,915	23	13.7
ESD 105	98,916	20	20.2
ESD 112	167,891	17	10.1
ESD 113	120,490	30	24.9
ESD 114	77,927	23	29.5
ESD 121	774,662	243	31.4
ESD 123	122,746	24	19.6
ESD 171	68,176	19	27.9
ESD 189	290,870	89	30.6
<b>State total</b>	<b>1,889,593</b>	<b>488</b>	<b>25.8</b>

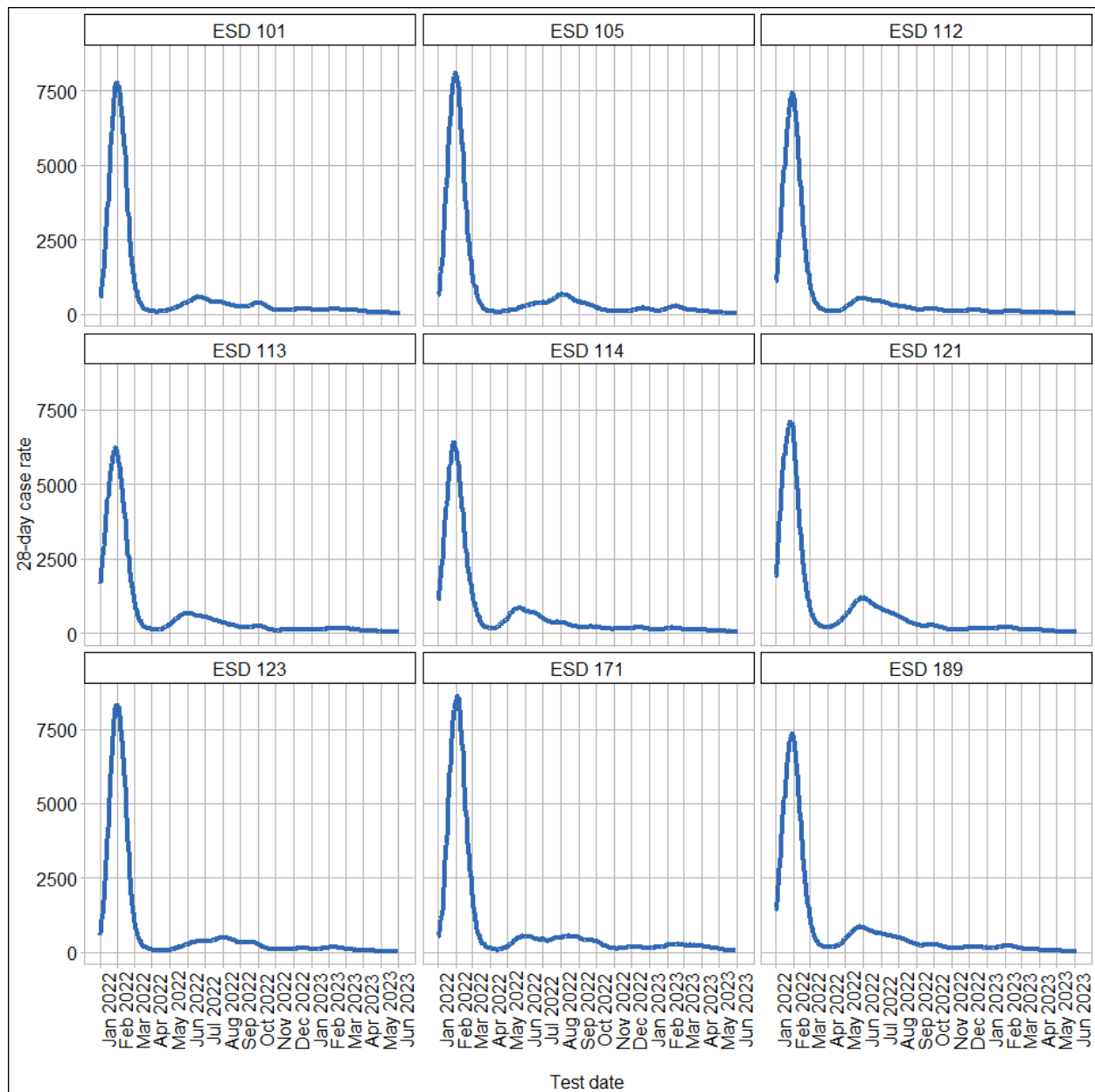
**COVID-19 case rate per 100,000 population in all children and youth by ESD region, May 8 to June 4, 2023**



**28-day COVID-19 case rate per 100,000 population in all children and youth in Washington state, January 1, 2022 to June 4, 2023**



**28-day COVID-19 case rate per 100,000 population in all children and youth in Washington state by ESD region, January 1, 2022 to June 4, 2023**

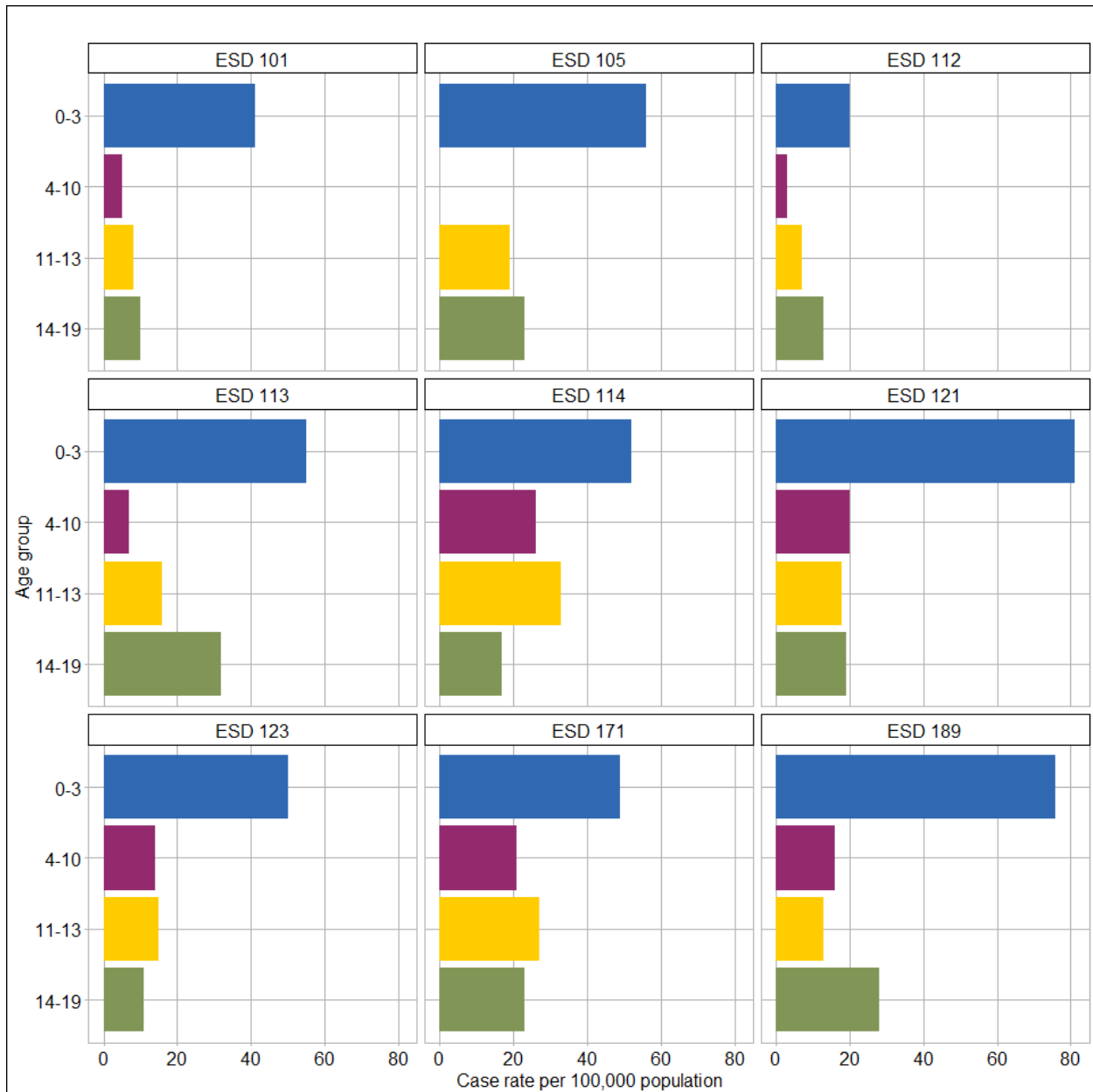


**Number of COVID-19 cases and case rate per 100,000 population in all children and youth by ESD region and age group, May 8 to June 4, 2023**

	0-3 year-olds (preschool)		4-10 year-olds (elementary school)		11-13 year-olds (middle school)		14-19 year-olds (high school)	
ESD	Case count	Case rate	Case count	Case rate	Case count	Case rate	Case count	Case rate
ESD 101	12	40.9	3	5.4	2	7.8	6	10.5
ESD 105	10	56.5	0	-	3	19.5	7	22.7
ESD 112	6	20.4	2	3.4	2	7.3	7	13.3
ESD 113	12	54.9	3	7.1	3	15.6	12	32.2
ESD 114	8	52.4	7	25.6	4	32.8	4	17.3
ESD 121	122	81.1	56	20.5	21	17.6	44	19.0
ESD 123	11	50.4	6	13.8	3	15.2	4	10.6
ESD 171	6	49.4	5	21.2	3	27.0	5	23.4
ESD 189	42	76.0	16	15.8	6	12.9	25	28.4
<b>State total</b>	<b>229</b>	<b>64.8</b>	<b>98</b>	<b>14.8</b>	<b>47</b>	<b>15.9</b>	<b>114</b>	<b>19.7</b>



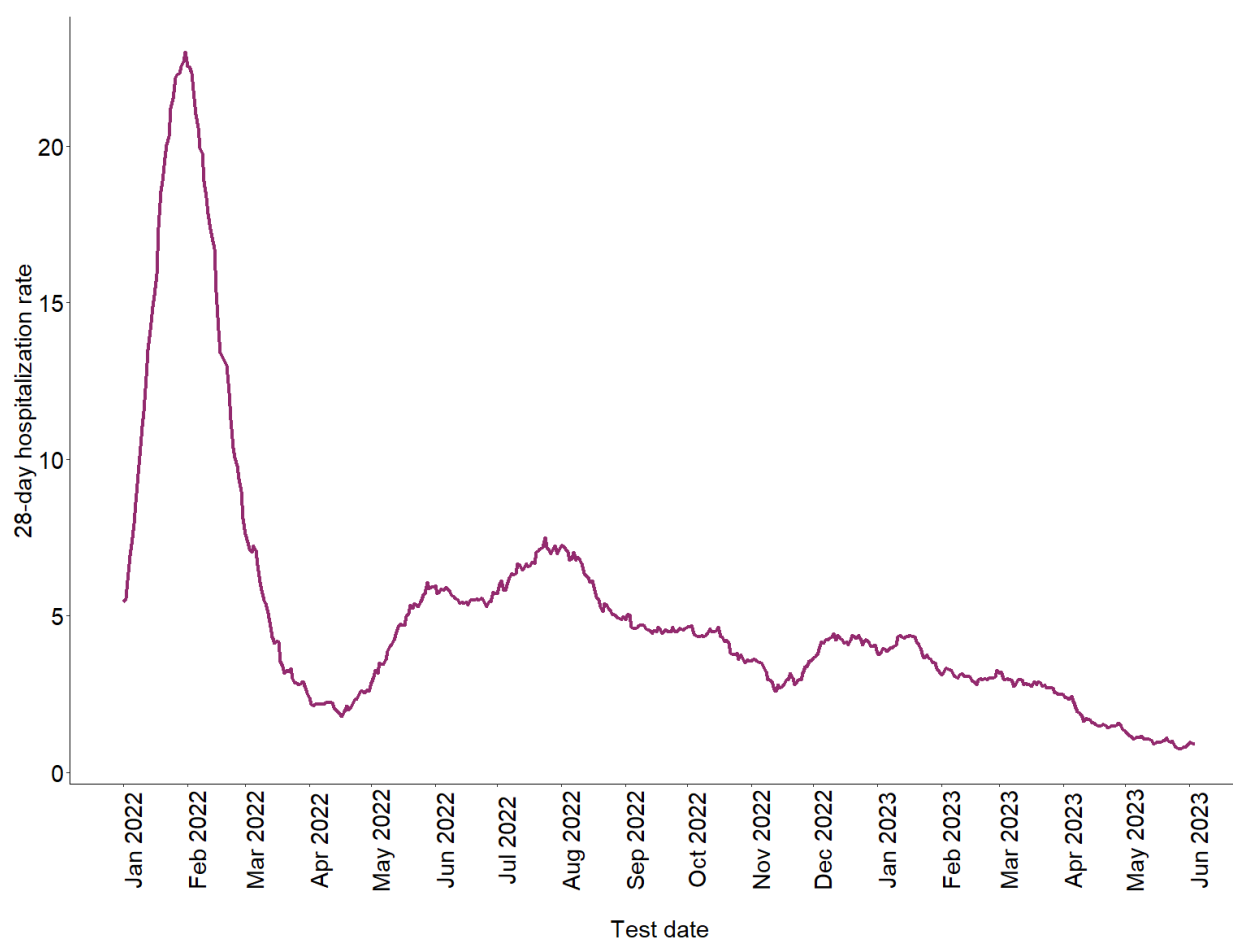
**COVID-19 case rate per 100,000 population in all children and youth by ESD region and age group, May 8 to June 4, 2023**



**COVID-19 hospitalization rate per 100,000 population in all children and youth in Washington, May 8 to June 4, 2023**

Population	Hospitalization count	Hospitalization rate
1,889,593	17	0.9

**28-day COVID-19 hospitalization rate per 100,000 population in all children and youth in Washington state, January 1, 2022 to June 4, 2023**



## Methods

### Definitions

Case data in this report come from the Washington State Disease Reporting System (WDRS). A 'case' is defined as an individual between the ages of 0 and 19 years who tested positive for COVID-19 during a 28-day period by either molecular test (such as PCR) or antigen tests. Most antigen tests are rapid tests and provide results in approximately 15 minutes to 1 hour.

The report includes the most recent complete 28 days of data, May 8 to June 4, 2023.

Cases are assigned to an ESD region based on the individual's home address. Children and youth with COVID-19 include all individuals living within an ESD's jurisdiction who are 0-19 years old, regardless of where they actually learn. This includes:

- students who attend a public or private school in the ESD region
- homeschooled youth
- youth who reside in a juvenile correctional facility
- all other children and youth

**Please note that case rates and counts do not represent cases that occurred among students enrolled in a particular ESD or district. They represent all children and youth within the region served by an ESD or district.**

An accurate home address was missing for approximately 0% of cases in children and youth with a test date between May 8 to June 4, 2023. These cases are not included in this report.

A COVID-19 hospitalization is a Washington resident who has been identified using case investigation data in WDRS or links with Rapid Health Information Network (RHINO) records as hospitalized with confirmed or probable COVID-19. Due to small numbers, to protect privacy hospitalization data are only reported at the state level.

Deaths are reported to the state by health care providers, medical examiners or coroners, local health departments, or others to the official vital records database, WHALES. COVID-19 deaths included in this report are identified in WHALES where the cause of death was confirmed or suspected to have been COVID-19. Due to small numbers, to protect privacy death data are only reported at the state level aggregated across time.

### 28-day rate calculation

Case rates are calculated as the total number of cases within the specified demographic (e.g. age group) and ESD region with a test date during the 28-day period divided by the Washington state population for the same region and demographic.

Hospitalization rates are calculated as the total number of hospitalizations in Washington state with a test date during the 28-day period divided by the Washington state population 0-19 years old.

All rates presented in this report use the Washington state population distribution based on population interim estimates (PIE) by age, sex, race, and Hispanic origin developed by Public Health – Seattle and King county (PHSKC)